

Work Order ID 89023

Friday, August 17, 2012 1:32:52 PM

89023

Page 1

Item ID: D3650-3

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Center Panel

Start Date: 8/17/2012 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 8/24/2012 Req'd Qty: 2.00 ***2***

Customer:

Reference:

Approvals: Process Plan: MF Date: 12-08-17 Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3650	Rev D

100 0.00

100

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3650

Dwg Rev: B

Prog Rev: B

304 .019

2-Deburr if necessary

110 0.00

110

QC2- Inspect parts off machine FAI/FAIB

QC

Memo

0.00

Quality Control

IB 12-8-17

IB 12-8-17

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	

Work Order ID 89023

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89023

Page 2

Item ID: D3650-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Center Panel
 Start Date: 8/17/2012 Start Qty: 2.00 ***2*** Cust Item ID:
 Required Date: 8/24/2012 Req'd Qty: 2.00 ***2*** Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC8- Inspect parts - second check Memo	0.00 0.00							
130 *130* Brake NC Brake NC	NC BRAKE Memo 1-Form as per Dwg D3650 using DT9426 2-bend as per dwg	0.00 0.00							
140 *140* QC Quality Control	QC5- Inspect part completeness to step on W/O Memo	0.00 0.00							

DAS
16
8-89
12/08/17

72

1208-22

SMB
12-8-22

DAS
16
8-89

12/08/22

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Training <input type="checkbox"/>											
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FAULT CATEGORY											
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Friday, August 17, 2012 1:32:52 PM

Page 3

Quality Control

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Equip/Tooling <input type="checkbox"/>											
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Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
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FAULT CATEGORY											
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Picklist Print

Friday, August 17, 2012 1:32:52 PM

Page 1

Work Order ID: 89023

Parent Item: D3650-3

Parent Item Name: Center Panel

Start Date: 8/17/2012

Required Date: 8/24/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:A New Issue 07-09-27 DD verified by: EC
 IPP Rev:B ECN 1113P 08-01-22 DD
 IPP Rev:C ecn1162 08-04-02 DD verified by: EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3650-11 Filler Plate		Manufactured	No			160	Each	5.0000	1	2			
<i>N</i>													
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				WA021		5							
				45721		5							
M304S26GA 304/316 0.018 SHEET		Purchased	No			160	sf	60.6000	1.145	2.4105263			
											<i>(2)</i>		
											<i>1812-8-17</i>		
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				MAT020		60.6							
				117798		60.6							
											<i>3.</i>		
											<i>117798</i>		

NCR: Yes / No

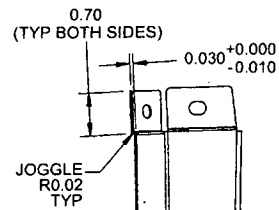
WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

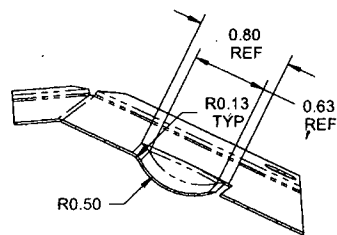
QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
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Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											

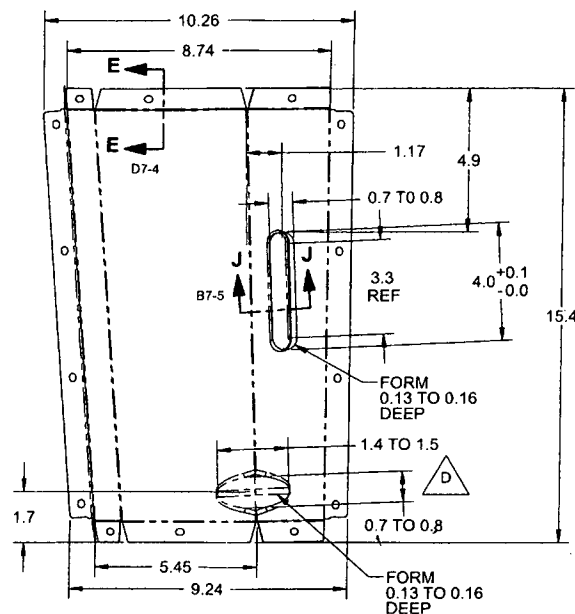
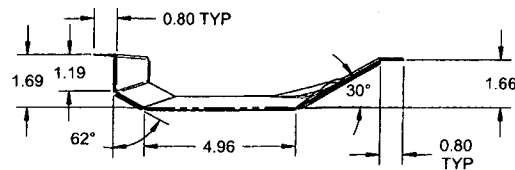
FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other	



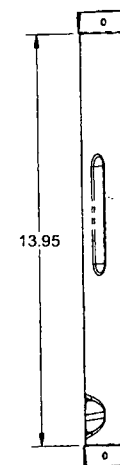
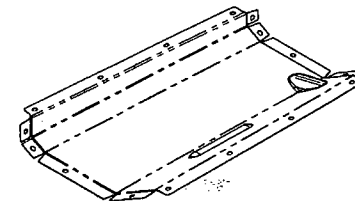
SECTION E-E C5-4



SECTION J-J C4-4



D3650-3 CENTER PANEL



- NOTES:**
- 1) MATERIAL: MAKE FROM D3650-3F
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.98 lbs.

RELEASED
2012-08-16

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RP	HAWKESBURY, ONTARIO, CANADA	
CHECKED	A.P.	DRAWING NO.	REV. D
MFG. APPR.		D3650	SHEET 4 OF 8
APPROVED		TITLE	SCALE
DE APPR.		TOP PANEL ASSEMBLY	NTS
DATE	12.08.12	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

NCR: Yes / No

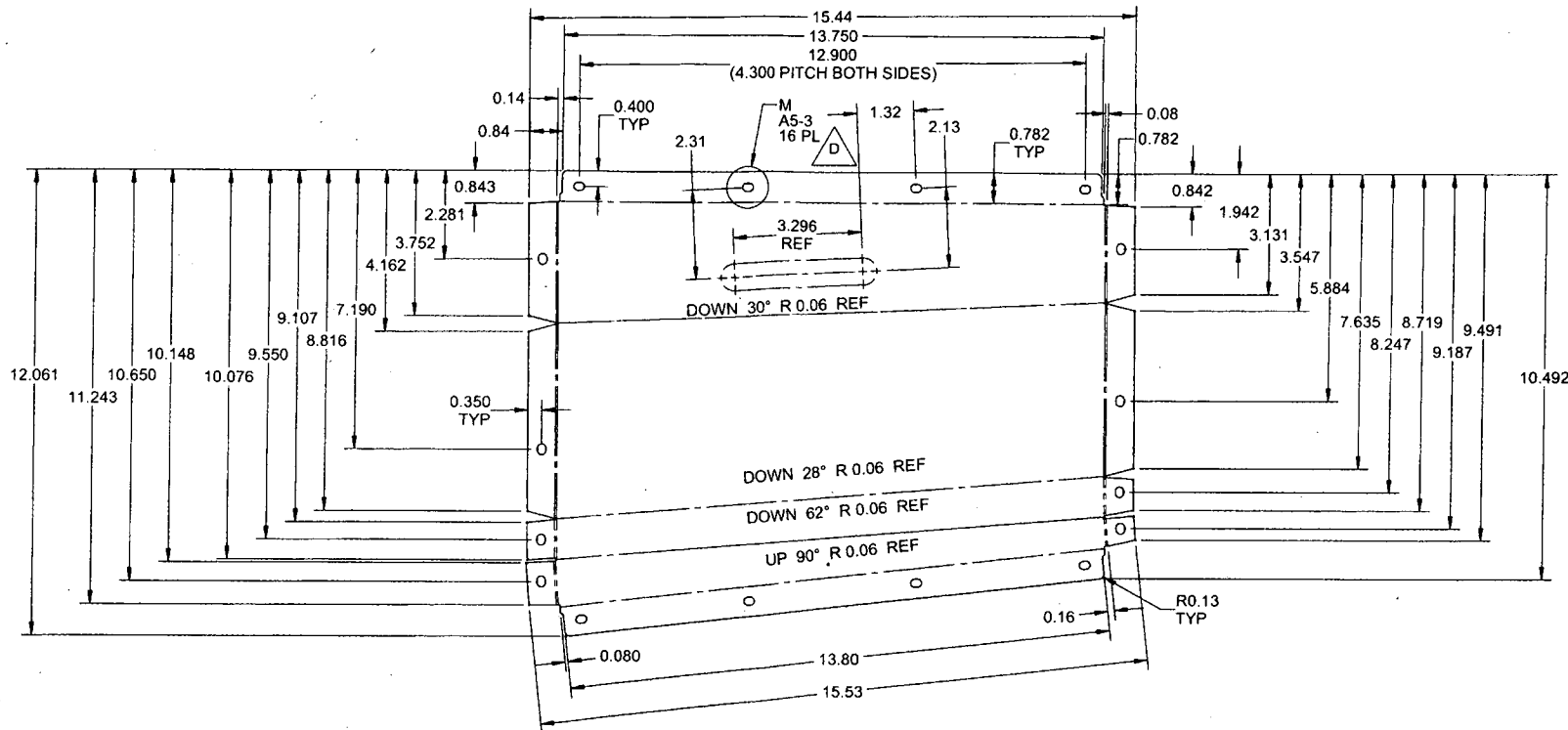
WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
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Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other: _____ _____ _____ _____



D3650-3F CENTER PANEL (FLAT PATTERN)

RELEASED
2012-08-16

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL 0.018 THICK (26 GAUGE) SHEET,
PER MIL-S-5059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF. DART SPEC. M304S26GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.98 lbs

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RP		
CHECKED	A.P.	DRAWING NO.	REV. D
MFG. APPR.		D3650	SHEET 5 OF 8
APPROVED		TITLE	SCALE
DE APPR.		TOP PANEL ASSEMBLY	NTS
DATE	12.08.12	COPYRIGHT © 2012 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

NCR: Yes / No

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Unapproved <input type="checkbox"/>											

FAULT CATEGORY				
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DART AEROSPACE LTD		Work Order: 89023
Description: CENTER PANEL		Part Number: D36503
Inspection Dwg: D3650-3 Rev: D		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
.276	$\pm .010$	.277	2		V B2	
.213	$\pm .010$	.214	2		V	
.400	$\pm .010$	.401	2		V	
.84	$\pm .030$	.841	2		V	
12.900	$\pm .010$	12.900	1		T B21	
4.300	$\pm .010$	4.309	2		V	
13.756	$\pm .010$	13.750	2		T	
15.44	$\pm .030$	15.44	2		T	
.782	$\pm .010$	.786	2		V	
.842	$\pm .010$	.842	2		V	
1.942	$\pm .010$	1.944	2		V	
5.884	$\pm .010$	5.881	1		V	
8.247	$\pm .010$	8.247	2		T	
9.187	$\pm .010$	9.190	2		T	
10.442	$\pm .010$	10.442	2		T	
13.86	$\pm .030$	13.80	2		T	
15.53	$\pm .030$	15.53	?		T	
.843	$\pm .010$	.843	2		V	
2.281	$\pm .010$	2.281	2		V	
.350	$\pm .010$	.351	2		V	
7.190	$\pm .010$	7.190	2		V	
9.550	$\pm .010$	9.550	2		T	
10.650	$\pm .010$	10.650	2		T	
12.061	$\pm .010$	12.061	2		T	

Measured by: B	Audited by: DAS	Preliminary Approval:
Date: 12-8-17	Date: 16 12/08/17	Date:

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

DART AEROSPACE LTD		Work Order:	89025
Description: Center panel		Part Number:	D3650-3
Inspection Dwg: D3650 Rev: D		Page 1 of 3	

FIRST ARTICLE INSPECTION CHECKLIST

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.69	± 0.030	1.74	✓		✓	
1.19	± 0.030	1.21	✓		✓	
62°	$\pm \frac{1}{2}$	62°	✓		S	
4.96	± 0.030	4.97	✓		✓	
30°	$\pm \frac{1}{2}$	27°	✓		S	
1.66	± 0.030	1.86	✓		✓	
0.80 Typ	± 0.030	0.806	✓		✓	
1.35	± 0.030	1.335	✓		✓	
62°	$\pm \frac{1}{2}$	61°	✓		S	
4.46	± 0.030	4.447	✓		✓	
2.53	± 0.030	2.539	✓		✓	
30°	$\pm \frac{1}{2}$	30°	✓		S	
1.31	± 0.030	1.315	✓		✓	
0.80 Typ	± 0.030	0.785	✓		✓	
0.98	± 0.030	0.995	✓		✓	
0.080 Typ	± 0.030	0.785	✓		✓	
13.95	± 0.030	13.96	✓		T	
10.26	± 0.030	10.325	✓		T	
8.74	± 0.030	8.875	✓		T	
1.17	± 0.030	1.14	✓		✓	
0.7 to 0.8	± 0.00	0.91	✓		✓	
4.9	± 0.030	4.870	✓		T	
4.0	± 0.030	4.25	✓		✓	

Measured by:	SMB
Date:	12.8.22

Audited by:	
Date:	

Preliminary Approval:	
Date:	

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	

Receiving Report

Date: 11/15/04
 Supplier: MACNA

Batch No: 1117798
 Dart P/O: 14132

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☐ No ☒ N/A ☐
 QC6 Inspection SMC 11/15/04 N/A ☒
 Work Order N/A ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
	VOIR	P.O. P.O. B.O.				

Initials of receiver (if shipment OK) Level 12

Production/Admin: 11/15/04
 Date
 Received/Costing
 Initial

Location

Purchase Order Receipt Listing

Page 1 of 1

Tuesday, May 24, 2011 8:56:47 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO14132 Receipt Dates from 5/24/2011 to 5/24/2011 All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID/Vendor Name VC-MAG002 Magna Stainless											
PO14132	1		M303R0.750	f	5/23/2011	5/24/2011	96.0000	\$4.33	0.0000	0	\$416.00
CAD	No		303 Round Bar 0.750 f		96.0000	DESJ02		\$416.00	0.0000	0	
			117798								
	2		M304S26GA	sf	5/23/2011	5/24/2011	96.0000	\$2.47	0.0000	0	\$237.00
	No		304/316 0.018	sf	160.0000	DESJ02		\$237.00	0.0000	0	
			SHEET								
			117798								
	3		M5052H32S.032	sf	5/23/2011	5/24/2011	96.0000	\$0.94	0.0000	0	\$90.00
	No		5052-H32 .032 Sheet sf:		96.0000	DESJ02		\$90.00	0.0000	0	
			117798								
	4		M6061T6B0.500X05. f		5/23/2011	5/24/2011	20.0000	\$6.15	0.0000	0	\$123.00
	No		000								
			6061-T6 Bar .500 x f		20.0000	DESJ02		\$123.00	0.0000	0	
			5.00								
			117798								
	5		M6061T6B1.250X01. f		5/23/2011	5/24/2011	20.0000	\$3.95	0.0000	0	\$79.00
	No		250								
			6061-T6 Bar 1.25 x f		20.0000	DESJ02		\$79.00	0.0000	0	
			1.25								
			117798								

Total Received Quantity: 328.0000
 Total Qty to Inspect (PO U/M): 0.0000
 Total Reject Quantity: 0.0000
 Total Receipt Value: \$945.00
 Total Balance Due Quantity: 64.0000



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 1 of 2

I043752

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SPECIAL INSTRUCTIONS

STOCK

Contact: CHANTAL

Ship Terms: PREPAID

MTR:Y

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		CHRISTINA ANTONIOU	(613) 632-5200	(613) 632-1053	14132	
Sales Order	Terms	Ship Via		Date Ordered	Date Required	Date Shipped
W048237	NET 30 DAYS	NIR:R-557065-1		05/19/11	05/24/11	05/24/11

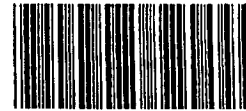
Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM FLATS AFL 6061 T6 1/2" x 5" x R/L 20' 59 LB / 1 PC ✓	L048668	12667	1 1
			PER ASTM B211 ASTM B221/OR QQA 225/8			
3		PC	ALUMINUM SHEET ASH 5052 H32 .032" x 48" x 96" 44 LB / .3 PC	L047543	11041879/1	3 3
1		PC	ALUMINUM SQUARE BAR ASQ 6061 T6 1-1/4" x R/L 20' 37 LB / 1 PC	L048176	2BN384	1 1
			PER ASTM B221 OR QQA 200/8 OR ASTM B211			
8		PC	STAINLESS ROUNDS SRB 303 3/4" x R/L 12' 146 LB (8 PC)	L049991	9BT1	8 8
3		PC	STAINLESS SHEET SSH 304 2B 26GA x 48" x 96" 76 LB / .3 PC	L049244	9911162YU	3 3
			SURCHARGE SUR CARBURANT			

Received by: _____ Date: _____ Signature: _____



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 2 of 2

I043752

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SPECIAL INSTRUCTIONS

STOCK

Contact: CHANTAL

Ship Terms: PREPAID

MTR:Y

Currency		Sales Person	Customer Phone	Customer Fax	Customer PO	
CANADIAN DOLLARS		CHRISTINA ANTONIOU	(613) 632-5200	(613) 632-1053	14132	
Sales Order	Terms	Ship Via		Date Ordered	Date Required	Date Shipped
W048237	NET 30 DAYS	NIR:R-557065-1		05/19/11	05/24/11	05/24/11

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
Bundles: 1 Skids: 1				Approx Weight:		362 LB

Received by: _____ Date: _____ Signature: _____



*Copy
11/05/2011*

P12866

C026127

INSPECTION CERTIFICATE

CUSTOMER: MAGNA STAINLESS INC(DIV OF CANADIAN SPECIALTY METALS INC.)

INVOICE NO: SSSCAE41101TE9

CREDIT NUMBER: 1700799

CERTIFICATE NO.: 100022201

Date: FEB. 22, 2011

DESCRIPTION: STAINLESS STEEL COLLED ROLLED SHEETS

Page: 3 of 5

P/L NO.	SIZE	UNIT(PCS)	N.W. (KG)	TYPE/FINISH	HEAT NO.	REFERENCE NO.
21	2.5mm (12ga) X 1524mm (60") X 3048mm (120")	24	2142	304/ 2B PAPER	9910289YU -100 010720	YERYCA10001A-24A
22	3.0mm (11ga) X 1219.2mm (48") X 2438.4mm (96")	29	2027	304/ 2B PAPER	9912044YU -100 010680	YERYCA10001A-25A
23	3.0mm (11ga) X 1219.2mm (48") X 2438.4mm (96")	29	2027	304/ 2B PAPER	9912044YU -100 010680	YERYCA10001A-26A
24	3.0mm (11ga) X 1219.2mm (48") X 2438.4mm (96")	29	2027	304/ 2B PAPER	9912044YU -100 010680	YERYCA10001A-27A
25	0.5mm (26ga) X 1219.2mm (48") X 2438.4mm (96")	76	804	304/ 2B	9911162YU -100 010650	YERYCA10001A-29A
26	0.6mm (24ga) X 1219.2mm (48") X 2438.4mm (96")	90	1237	304/ NO.4	10001265YU -100 010738	YERYCA10001A-30A
27	0.7mm (22ga) X 1219.2mm (48") X 2438.4mm (96")	76	1230	304/ NO.4	9912038YU -100 010734	YERYCA10001A-31A
28	0.7mm (22ga) X 1219.2mm (48") X 2438.4mm (96")	78	1229	304/ NO.4	9912036YU -100 010734	YERYCA10001A-32A
29	0.9mm (20ga) X 914.4mm (36") X 3048mm (120")	43	839	304/ NO.4	9907149YU -100 010806	YERYCA10001A-33A
30	0.9mm (20ga) X 1524mm (60") X 3048mm (120")	40	1268	304/ NO.4	10001277YU -100 010812	YERYCA10001A-34A

Chemical Composition

Mechanical Test

P/L NO.	C	SI	Mn	P	S	Ni	Cr	N	Cu	Mo	Y.S.(0.2%) N/mm2	T.S. N/mm2	Elongation %	Hardness HV
21	0.017	0.450	1.250	0.035	0.006	8.010	18.200	0.038	0.236	0.100	314	636	53.0	175.0
22	0.020	0.460	1.390	0.036	0.005	8.030	18.230	0.041	0.320	0.130	303	632	52.0	175.0
23	0.020	0.460	1.390	0.036	0.005	8.030	18.230	0.041	0.320	0.130	303	632	52.0	175.0
24	0.020	0.460	1.390	0.036	0.005	8.030	18.230	0.041	0.320	0.130	303	632	52.0	175.0
25	0.019	0.450	1.520	0.037	0.006	8.020	18.110	0.039	0.270	0.100	302	700	51.0	171.0
26	0.043	0.520	1.230	0.032	0.001	8.030	18.040	0.029	0.320	0.160	303	674	49.0	176.0
27	0.043	0.450	1.040	0.034	0.009	8.090	18.100	0.032	0.230	0.050	290	688	54.0	171.0
28	0.043	0.450	1.040	0.034	0.009	8.090	18.100	0.032	0.230	0.050	290	688	54.0	171.0
29	0.048	0.550	1.160	0.037	0.001	8.140	18.310	0.030	0.270	0.130	312	694	50.0	165.0
30	0.039	0.480	1.050	0.028	0.005	8.040	18.110	0.033	0.200	0.080	278	661	56.0	174.0

Remark: 1. We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

2. As per ASTM A240/480 standard.

3. The material described above has been detected with free irradiation.

YIEH CORPORATION LIMITED

Q.C. MANAGER

CY-G. J.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO14132

Purchase Order Date 5/19/2011

PO Print Date 5/19/2011

Page Number 1 of 3

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

mu7798

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
CC 1105/19

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M303R0.750 028	303 Round Bar 0.750	5/23/2011 Yes	✓ 96.00 f	Yours ppd	\$4.3333	\$416.00
Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE							
2	M304S26GA 020	304/316 0.018 SHEET	5/23/2011 Yes	160.00 sf	Yours ppd nc 96 35/08/11	\$2.4688	\$395.01
Special Inst: MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH AS PER MIL-S-5059 OR AMS 5513 (304) AMS 5524 (316) OR ASTM A240 OR ASME SA240							
3	M5052H32S.032 022	5052-H32 .032 Sheet	5/23/2011 Yes	✓ 96.00 sf	Yours ppd	\$0.9375	\$90.00

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 5/19/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO14132

Purchase Order Date 5/19/2011

PO Print Date 5/19/2011

Page Number 2 of 3

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Nct 30

Currency

CAD

FOB

Destination-Collect

Special Inst: MATERIAL: 5052-H32 ALUMINUM
SHEET AS PER
QQ-A-250/8 OR AMS-QQ-A-250/8 OR
AMS 4016
OR ASTM B209

4 M6061T6B0.500X05.000 6061-T6 Bar .500 x 5.00 5/23/2011 ☒ 20.00 Yours ppd \$6.1500 \$123.00
Yes f

007

Per 11/07/24

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117
4128/4115/4116 OR QQ-A-200/8 OR AMS-
QQ-A-200/8 OR AMS 4160 OR ASTM
B211 OR ASTM B221

5 M6061T6B1.250X01.250 6061-T6 Bar 1.25 x 1.25 5/23/2011 ☒ 20.00 Yours ppd \$3.9500 \$79.00
Yes f

002

Special Inst: MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117
4128/4115/4116 OR QQ-A-200/8 OR AMS-
QQ-A-200/8 OR AMS 4160 OR ASTM
B211 OR ASTM B221

6 M6061T6B1.500X01.250 6061-T6 Bar 1.50 x 1.25 5/31/2011 12.00 Yours ppd \$24.0830 \$289.00
Yes f

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 5/19/2011



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO14132**

Purchase Order Date 5/19/2011

PO Print Date 5/19/2011

Page Number 3 of 3

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

800 363 6646

514 339 1105

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117
4128/4115/4116 OR QQ-A-200/8 OR AMS-
QQ-A-200/8 OR AMS 4160 OR ASTM
B211 OR ASTM B221

7	M6061T6B2.500X03.500	6061-T6 Bar 2.50 x 3.50	5/31/2011	12.00	Yours ppd	\$64.5833	\$775.00
			Yes	f			

Special Inst:

MATERIAL: 6061-
T6/T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117
4128/4115/4116 OR QQ-A-200/8 OR AMS-
QQ-A-200/8 OR AMS 4160 OR ASTM
B211 OR ASTM B221

8	M6061T6T3.500W.375	6061-T6 RD Tube 3.50 X .375 W	5/31/2011	12.00	Yours ppd	\$45.5000	\$546.00
			Yes	f			

Special Inst:

MATERIAL: 6061-T6 OR 6061-T6
TUBING PER
WW-T-700/6 OR AMS 4080 OR AMS 4082
OR
QQ-A-200/8 OR QQ-A-225/8

PO Total:

\$2,713.00

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 5/19/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable